

For Research Use Only

ADAM17 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 68725-1-PBS



Basic Information

Catalog Number: 68725-1-PBS	GenBank Accession Number: BC136783	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 6868	CloneNo.: 2F4C2
Source: Mouse	UNIPROT ID: P78536	
Isotype: IgG1	Full Name: ADAM metalloproteinase domain 17	
Immunogen Catalog Number: AG34022	Calculated MW: 824 aa, 93 kDa	
	Observed MW: 90-110 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse

Background Information

The ADAMs (A Disintegrin And Metalloprotease) are multidomain transmembrane proteins. One of the first ADAMs implicated in membrane shedding is ADAM-17, which is shown to release the active form of tumor necrosis factor (TNF)- α from its precursor (PMID:18238782). ADAM17 is also named as CSVF, TACE. The full length protein has 9 glycosylation sites, a signal peptide, propeptide and 2 isoforms produced by alternative splicing. The 120-kDa form of ADAM-17 is expressed more frequently and at higher levels in primary breast carcinomas compared with normal breast tissue (PMID:17438092).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

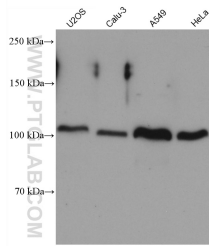
T: 4006900926

E: Proteintech-CN@ptglab.com

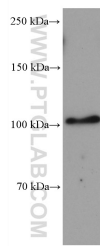
W: ptgcn.com

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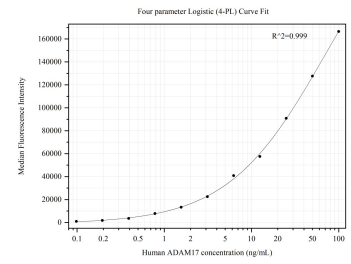
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68725-1-Ig (ADAM17 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68725-1-PBS in a different storage buffer formulation.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 68725-1-Ig (ADAM17 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68725-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50392-2, ADAM17 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68725-2-PBS. Detection antibody: 68725-1-PBS. Standard: Ag34022. Range: 0.098-100 ng/mL.